



GOVERNMENT OF KERALA

Abstract

Electronics & Information Technology Department - Establishing Single Sign-On system for Government employees and an e-Sign facility - Sanction accorded - Orders issued.

ELECTRONICS & INFORMATION TECHNOLOGY (B) DEPARTMENT

G.O.(Ms)No.29/2022/ITD Dated, Thiruvananthapuram, 10-08-2022

Read 1 GO(MS)No.29/2018/ITD dated 17.11.2018.

2 GO(Rt)No.98/2022/ITD dated 27.05.2022.

3 Letter No. e-Governan/20/2022-KSITM dated 10.06.2022 from the Director, Kerala State IT Mission.

ORDER

As per GO read as 1st paper above, in-principle administrative sanction was granted for proceeding with the Government Enterprise Architecture under Digital Kerala architecture project, to establish a robust digital infrastructure and a digital architectural framework with common standards and guidelines to offer 'One Government' experience to citizens in a safe and secure manner. Kerala State IT Mission has initiated steps for implementing the architecture. As per letter read above, the Director, Kerala State IT Mission has proposed to establish a Single Sign-on facility for Government employees and a e-Sign facility as part of the new architecture. The Single Sign-on is expected to enable Government employees to access all applications including e-Office, SPARK, asset management system, etc with the same login credentials. This shall enable tightening of security centrally.

2. The Director, KSITM has proposed to use the Parichay system developed by the National Informatics Centre (NIC) for setting up the Staff Single Sign On. Since most of the e-Governance applications are developed by NIC, the integration of Single Sign-On with applications could be achieved quickly. Official email id has been proposed as the primary identifier for the Single Sign-On. Role based and personal email ids are to be created in the www.kerala.gov.in domain for all staff through KSITM.

3. In addition to the Single Sign-On, the Director, KSITM has also proposed to

utilise the e-Hastakshar developed by C-DAC for implementing the single e-Sign solution for the State. It has been pointed out that all Departments using a single e-sign solution will help in cutting down the costs.

4. Government examined the matter in detail and are pleased to accord sanction to the Director, Kerala State IT Mission for implementing the Centralised Single Sign-On for Government employees utilising the Parichay system developed by NIC. This shall enable Government employees to access various applications including eOffice, SPARK, asset management system and other similar applications introduced by Government with the same login credentials.

5. The SSO platform would be using and fetching data from different data bases which are maintained by the State so as to ensure that officials have a central profile which can be edited by the concerned official. SPARK Data base would be integrated with the SSO for officials so as to make the data base cohesive. Electronics and IT Department through Kerala State IT Mission would be custodian of the system of the Parichay SSO and the profile data. APIs would be provided by KSITM to other departments who wish to utilise the data which is captured centrally.

6. Sanction is also accorded to use the e-Hastakshar solution developed by the Centre for Development of Advanced Computing (C-DAC) as the single e-Sign solution for all Government Departments. Kerala State IT Mission to come in agreement with C-DAC for the implementation of the same. The e-Hastakshar e-signing system uses Aadhaar/Mobile based verification system for signing of digital documents. The same has to be provisioned in the eOffice and other applications using e-sign for all officials.

7. All Government Departments shall direct the System Integrators of various applications to co-ordinate with the Kerala State IT Mission on the modalities of implementation of the above and initiate necessary changes in the system to enable the Single Sign-On process as well as e-Sign requirements. Kerala State IT Mission should ensure that e-Hastakshar solution would be an alternative to the present Digital Signature System (DSC), the officials would have both options for signing within eOffice and other applications.

8. The expenditure in this regard will be met from the amount sanctioned for Digital Kerala Architecture under the Head of Account 2852-07-202-75.

(By order of the Governor)
BISHWANATH SINHA
ADDITIONAL CHIEF SECRETARY

To:

All Additional Chief Secretaries / Principal Secretaries/ Secretaries

The Director, Kerala State IT Mission, Thiruvananthapuram
The State Informatics Officer, National Informatics Centre, Kerala
The Executive Director, C-DAC, Thiruvananthapuram
The CMD, Information Kerala Mission, Thiruvananthapuram
The Director, C-DIT, Thiruvananthapuram
The Principal Accountant General (A&E) Kerala, Thiruvananthapuram
The Principal Accountant General (Audit-I) Kerala, Thiruvananthapuram
Information officer (W&NM), I&PRD
Stock File

Forwarded /By order

Signed by Mathew John

Date: 16-08-2022 11:48:11
Section Officer